HW#34: Area & Circumference of Circles

Geometry

Due Date: Friday, Oct. 30th

Name: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ TP: \_\_\_\_\_\_\_

**Failure to show work on all problems or use complete sentences will result in a LaSalle.**

**Part I:** Area and Circumference of Circles

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| --- | --- | --- | --- |
| 1) The circumference of the circle 22 ft. Find the area. | 2) Find the circumference of the circle below: | | 3) A car tire has a circumference of 64 inches. What is the diameter of the wheel? What is the radius? |
| 5) Find the area of the circle below: | | 8) What is the circumference of the circle? | |

**Part II:** Review – Manipulating Equations

Solve for the given variable.  Show the steps leading to your solution.  Check your solution.

a.   −11x = 77 b.   5c + 1 = 7c – 8

c.   x8=2 d.   −12 = 3k + 9

**Part III:** Review – Linear Equations

**Directions**: Find the correct graph for each equation below. Show your work and write at least one sentence explaining why you solved the problem the way you did.

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| ../../../../../Desktop/Screen%20Shot%202015-10-25%20at%209.02.02%20PMc) | ../../../../../Desktop/Screen%20Shot%202015-10-25%20at%209.02.05%20PMd) |